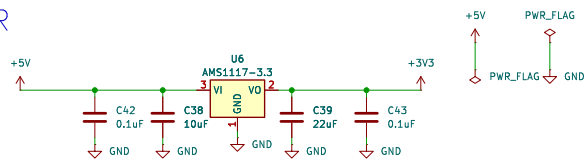
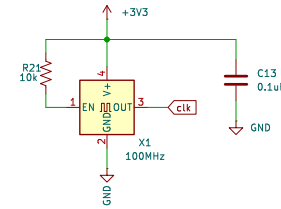


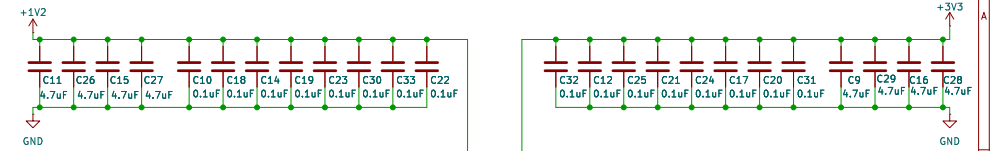
POWER



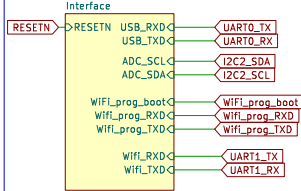
Oscillator



Thejas32



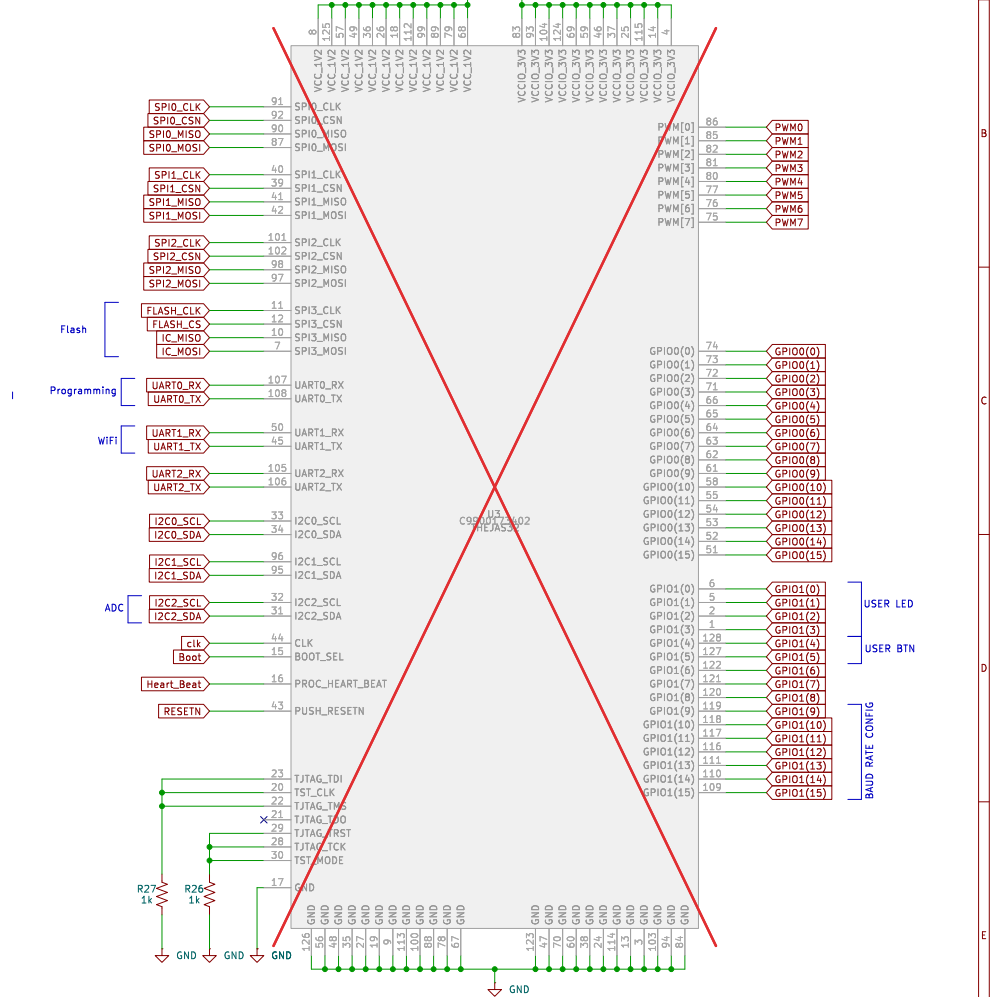
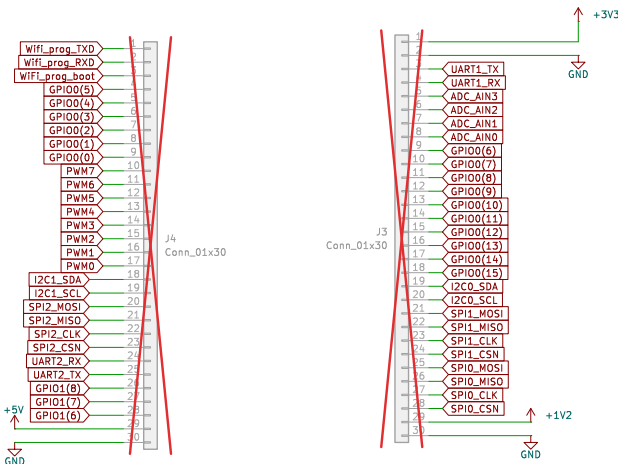
I2C Pullups



LEDs & Switches



IO Header



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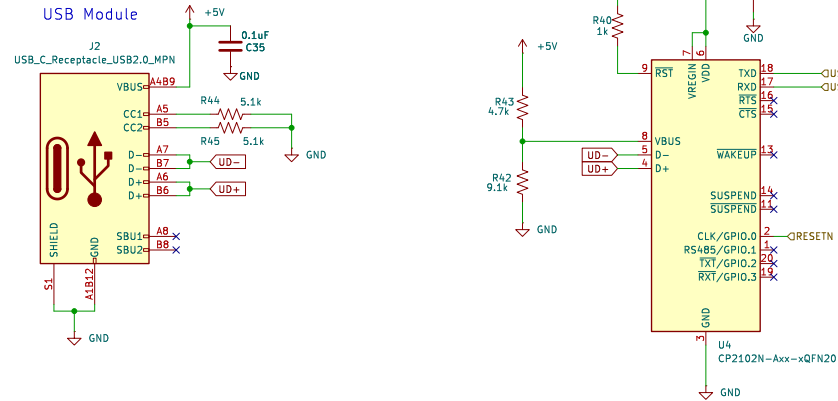
Sheet: /
File: squadron_S3.kicad_sch

Title: VSD32 S3

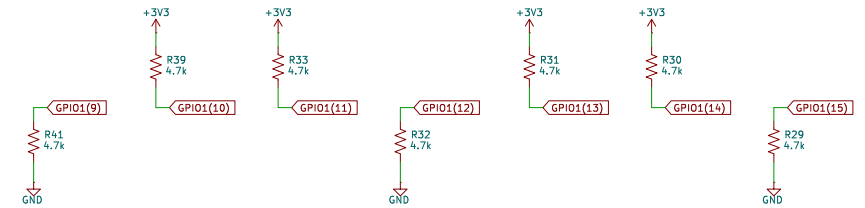
Size: A3 Date: 2025-04-19
KiCad E.D.A. 9.0.1

Rev: 1A
Id: 1/3

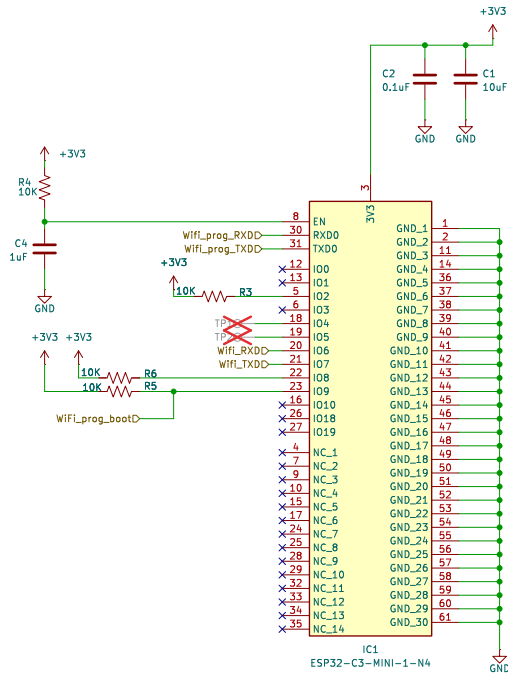
Programming Interface



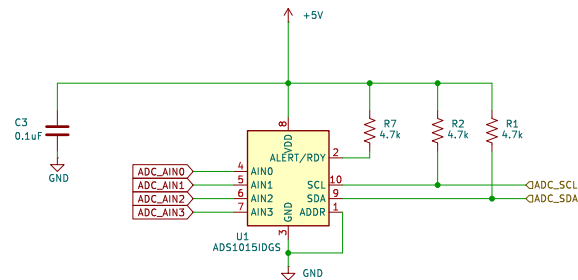
BAUD Rate Configuration (115200)



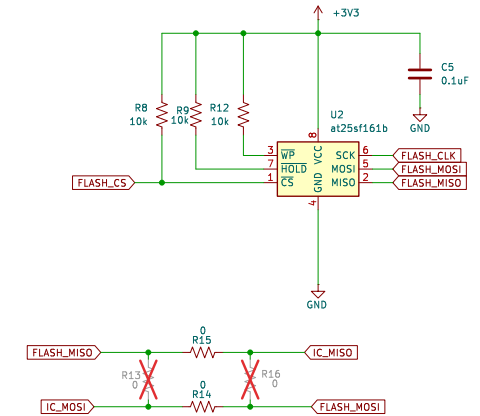
Wi-Fi and BLE Module



ADC Module



Flash memory



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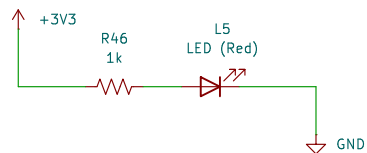
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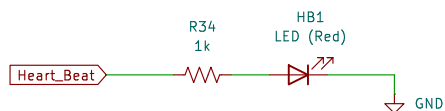
Size: A3 Date: 2025-04-19
KiCad E.D.A. 9.0.1

Rev: 1A
Id: 2/3

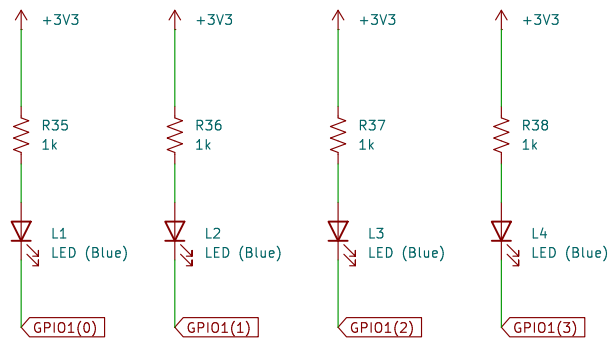
POWER LED



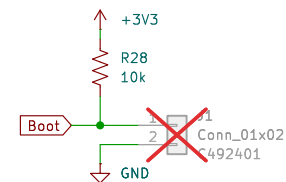
Heart_Beat LED



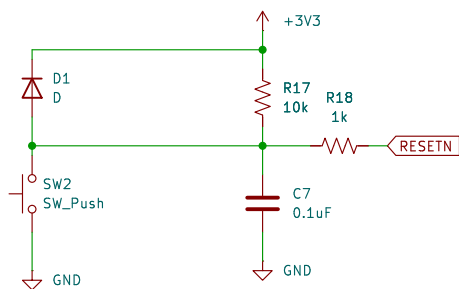
USER GPIO LED



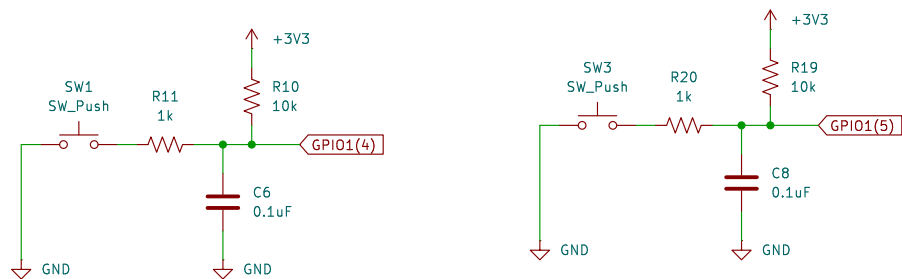
Boot Select



Power on Reset



USER Push Button



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Sheet: /LEDS & Switch's/
File: LED.kicad_sch

Title: VSD32 S3

Size: A4 Date: 2025-04-19

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Rev: 1A

Id: 5/3